

COMPONENT-PLACING APPARATUS

ABSTRACT OF THE DISCLOSURE

A component-placing apparatus for driving a nozzle in the rotational and vertical directions for applying suction to a component includes a rotary actuator and a linear actuator having a stator connected to a stator of the rotary actuator such that these stators are immovable relative to each other. A spline shaft is connected to a rotating shaft of the rotary actuator, and a nozzle connecting shaft having a suction nozzle disposed at the bottom thereof is engaged with the spline shaft and is allowed to move only rectilinearly. A hollow holder encircling the nozzle connecting shaft with rotary bearings being interposed therebetween is connected to a mover of the linear actuator, and the hollow holder is engaged with the stator of the linear actuator with a linear guide being interposed therebetween.